

## Laudato Si - Save Our Planet Homework Grid - Year 6 - Spring 2 2021

	<b>A - Science</b>	<b>B - Geography</b>	<b>C - Art</b>	<b>D - DT</b>	<b>E - Literacy</b>
<b>2 points</b>	See the information on the next page about carbon dioxide, people and trees. Explain why, if there is a balance of people and trees, the production of carbon dioxide is not an issue.	On a map show the location of the rainforests and oceans of the world. Label the Equator, the Tropics and the Poles.	Create a poster showing the relationship between people & carbon dioxide and trees & oxygen.	Look at the symbol for recycling on the page below. Design your own symbol that would represent recycling and its positive impact on the planet.	Write a radio jingle for a local radio station encouraging people to recycle their waste.
<b>5 points</b>	Research coral bleaching in the ocean's coral reefs. Create a fact file on what coral bleaching is and how we can prevent it.	In South East Asia, much of the rainforests have been destroyed for palm oil plantations. Research the products that use palm oil and which use sustainably sourced oil.	Create a fact file on the artist Georgia O'Keeffe.	Research African paper bead jewellery. Design a leaflet for these recycles items encouraging people to buy them as sustainable gifts.	Create an information leaflet informing people of what climate change is and what the dangers are.
<b>7 points</b>	Research how greenhouse gases cause global warming. Name the gases that cause warming and what causes these gases to be released into the atmosphere.	Research the decline of Borneo's rainforests. Using maps and data, show how the forests have declined every decade since the 1950s.	Design a poster encouraging children to use less single use plastics. You might want to suggest alternative options that they could use.	Research what items are made from recycled plastics. Design a product for use in everyday life that could be made from recycled plastic bottles.	Write a fable aimed at young children with a moral about the importance of recycling.
<b>10 points</b>	Create a 3D model that shows how global warming works. Be as creative as you can in making your model. Then write a description of how your model shows the process.	On a map, show the Amazon River and Rainforest. Research the reasons why the forests are being destroyed.	Create a landscape picture using pastels or watercolours using line, tones, shades, tints and perspective.	Make your own recycled paper beaded bracelet.	Write a letter to Boris Johnson asking for his commitment to lowering our carbon emissions as a country. Within your letter explain the importance of producing less harmful greenhouse gases.

Remember to upload your homework to our Google Classrooms page and to try and complete at least one activity from each column. Aim for 35 points but obviously I'd love it if you did more!

Enjoy!

Mrs Gray

## *Natural sources*

Carbon dioxide is produced naturally when people and animals breathe. Plants and trees take in and use carbon dioxide to live. Volcanoes also produce carbon dioxide.



## Recycling symbol

